

MD 197 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

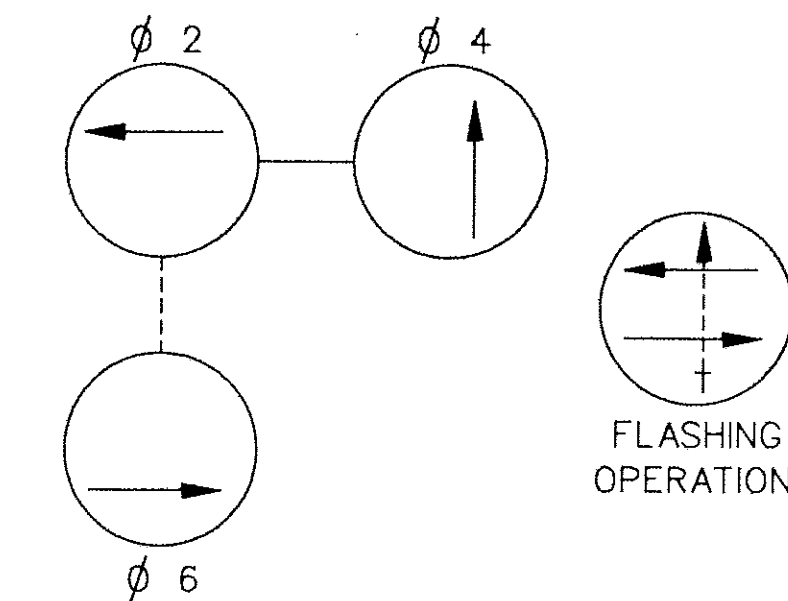
## SIGNALS

1,2,3,4,5,6  
R  
Y  
G  
12"

## SIGNS

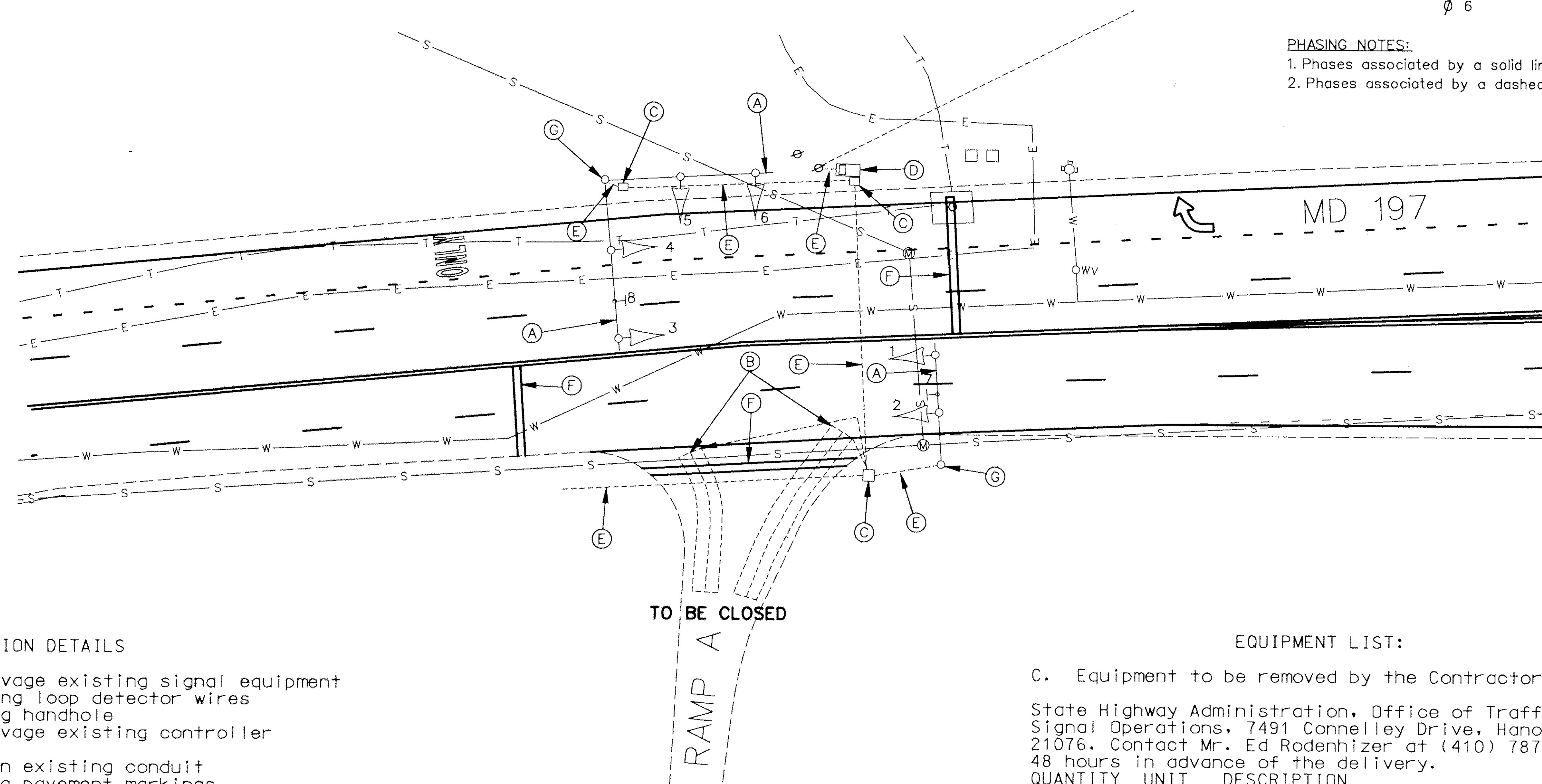
7 8  
R3-1 R3-2  
36"X36" 36"X36"

## NEMA PHASING



### PHASING NOTES:

1. Phases associated by a solid line will not operate concurrently.
2. Phases associated by a dashed line will operate concurrently.



### REMOVAL- CONSTRUCTION DETAILS

- Remove and salvage existing signal equipment
- Abandon existing loop detector wires
- Remove existing handhole
- Remove and salvage existing controller and cabinet
- Cap and abandon existing conduit
- Remove existing pavement markings
- Remove and salvage existing pole and mast arm

### EQUIPMENT LIST:

C. Equipment to be removed by the Contractor and delivered to:

State Highway Administration, Office of Traffic and Safety,  
Signal Operations, 7491 Connelley Drive, Hanover, Maryland  
21076. Contact Mr. Ed Rodenhizer at (410) 787-7650 at least  
48 hours in advance of the delivery.

QUANTITY UNIT DESCRIPTION

6	EA	One-way three-section traffic signal head
1	EA	Traffic signal controller and cabinet
2	EA	Traffic signal pole with mast arm

## UTILITIES LEGEND

— A — AERIAL CABLES  
— G — GAS MAIN  
— E — ELECTRIC CABLES (UNDERGROUND)  
— T — TELEPHONE CABLES  
— W — WATER MAIN  
— S — SEWER MAIN  
— SD — STORM DRAIN

## ROADWAY LEGEND

----- EXISTING  
————— PROPOSED

RUMMEL, KLEPPER & KAHL  
CONSULTING ENGINEERS

81 MOSHER STREET  
BALTIMORE, MD 21217  
TEL. (410) 728-2900

### REVISIONS:

© REVISED 04/96 (REMOVAL)  
FOR B/W PKWY IMPROVEMENT  
F.A.P. NO. BW1A25,ETC  
ZAJ 1/1/97

### APPROVALS:

ORIGINAL

CHIEF SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER - TRAFFIC

CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE # 16019712.28

DRAWN BY: \_\_\_\_\_  
DES. BY: \_\_\_\_\_  
CHK. BY: \_\_\_\_\_

MD 197 @ EXISTING RAMP A  
TRAFFIC SIGNAL PLAN

COUNTY: PRINCE GEORGE'S

DATE: APRIL 19, 1978 F.A.P. NO. BW1A25,ETC

SCALE: 1"=20' S.H.A. NO.

TS/STD. NO.:

TS-1615D-P

SHEET NO.

OF